

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for delivering messages between a terminal in a telecommunications system utilizing wireless data transmission and a second party irrespective of the content type of the messages, the method comprising

~~characterized by the steps of~~  
delivering messages through the same message service centre irrespective of the content type of the ~~message~~, message; and  
employing the same protocol for the messages between the terminal and the message service centre.

2. (Currently Amended) A method as claimed in claim 1, ~~characterized in that~~ wherein

the message content indicates the presentation of the message contents which may include text, speech, images, video images or combinations thereof, and  
messages of at least two different content types are delivered through the message service centre.

3. (Currently Amended) A method as claimed in claim 1, ~~characterized by~~ further comprising

determining at least one first condition to the message service ~~centre~~, centre;  
checking from the message to be delivered to the terminal whether it meets the first ~~condition~~, condition; and  
delivering the message directly to the terminal, if it meets the first ~~condition~~, condition; and

informing the terminal about the message, if it does not meet the first condition, and  
delivering the message as a response to a message request concerning the message.

4. (Currently Amended) A method as claimed in claim 3, ~~characterized in that~~ wherein the first condition determines at least one of the following: the content type or types of a message to be sent directly, the maximum size of the message to be sent directly.

5. (Currently Amended) A method as claimed in claim 4, ~~characterized by~~ further comprising receiving a value associated with the first condition from the terminal user in the message service ~~centre, and by~~ centre; and updating said value with a received value.

6. (Currently Amended) A method as claimed in claim 3, ~~characterized by~~ further comprising receiving a terminal property as a value associated with the first condition in the message service ~~centre, and by~~ centre; and updating said value with a received value.

7. (Currently Amended) A method as claimed in claim 3, ~~characterized by~~ further comprising adding a recipient identifier to the message informing about the message to be sent to the terminal, the identifier enabling to identify the recipient of the message to be ~~received,~~ received; and delivering the message only if the message request includes the recipient identifier associated with the message.

8. (Currently Amended) A method as claimed in claim 1, ~~characterized by~~ further comprising delivering messages from the message service centre to the terminal using at least two different delivery ~~routes, routes;~~ determining at least a second condition for the message service ~~centre, centre; and~~ selecting the delivery route for the message on the basis of the second condition.

9. (Currently Amended) A method as claimed in claim 1, ~~characterized by~~ further comprising transferring the message between the terminal and the message service centre in packets of a particular ~~size, size;~~

checking before transferring the message whether it fits into one ~~packet~~, packet; and  
if so, transferring the message in one ~~packet~~, packet;  
if the message does not fit into one ~~packet~~, packet;  
- dividing the message into segments so that one segment fits into one ~~packet~~, packet;  
- transferring the message in consecutive ~~segments~~, segments; and  
- composing the message of the received segments.

10. (Currently Amended) A wireless telecommunications system comprising at least one terminal which is able to receive messages of at least a first content type and a second content type, the content type indicating the presentation of the message ~~contents~~, contents; and

~~characterized in that~~

~~the system also comprises a message service centre (MMSC) for transmitting~~  
messages of at least the first content type and the second content type between a terminal and a second party, the message service centre delivering said messages to the terminal as messages according to a first protocol.

11. (Currently Amended) A system as claimed in claim 10, ~~characterized in that~~  
wherein

the message service centre (~~MMSC~~) is arranged to check before delivering the message to the terminal (~~MS~~), whether the message meets at least one predetermined first condition, and in response to the result of the check to deliver the message directly to the terminal or to inform the mobile station about the message and to deliver the message in response to a message request concerning the ~~message~~, message; and

the terminal (~~MS~~) is arranged to receive said indication about the message, to inform the terminal user about the indication and to send the message request concerning the message to the message service centre (~~MMSC~~) as a response to the instructions received from the user.

12. (Currently Amended) A system as claimed in claim 11, ~~characterized in that~~  
wherein the first condition determines at least one of the following: the content type or types of a message to be sent directly, the maximum size of the message to be sent directly.

13. (Currently Amended) A system as claimed in claim 12, ~~characterized in that~~  
wherein

the terminal (~~MS~~) is arranged to inform the message service centre (~~MMSC~~) about message content codings that it ~~supports~~, supports; and

the message service centre (~~MMSC~~) is arranged to check the coding of the message to be delivered to the terminal (~~MS~~), to compare it to the codings supported by the terminal, and if the terminal does not support the message coding, to change the message coding to a coding supported by the terminal.

14. (Currently Amended) A system as claimed in claim 10, ~~characterized by~~  
wherein

the system is arranged to transfer ~~transferring~~ the messages in the system between the terminal (~~MS~~) and the message service centre (~~MMSC~~) in packets of a particular ~~size~~, size; and

~~arranging~~ the message service centre (~~MMSC~~) is arranged to check before a message is delivered to the terminal, whether the message fits into one packet, and if the message does not fit into one packet, to divide the message into segments and to deliver the message to the terminal in consecutive segments.

15. (Currently Amended) A system as claimed in claim 14, ~~characterized in that~~  
wherein

the message service centre (~~MMSC~~) is arranged to pack an unpacked message with a packaging method supported by the terminal before the message service centre checks whether the message fits into one packet.

16. (Currently Amended) A message service centre (~~MMSC~~) connected to a wireless telecommunications system, ~~characterized in that~~

the message service centre ~~comprises~~ comprising  
interface means (~~L1, L2~~) for receiving and forwarding messages of at least two different content types, the content types indicating the presentation of the message ~~contents~~, contents; and

application means ~~(AP)~~ for delivering said messages addressed to the terminal in the telecommunications system and for receiving the messages received from the terminal using the same protocol.

17. (Currently Amended) A message service centre ~~(MMSC)~~ as claimed in claim 16, ~~characterized in that~~ wherein the application means ~~(AP)~~ are arranged to check before delivering the message to the terminal ~~(MS)~~, whether the message meets at least one predetermined first condition, and in response to the result of the check to deliver the message directly to the terminal or to inform the terminal about the message and to deliver the message in response to a message request concerning the message.

18. (Currently Amended) A message service centre ~~(MMSC)~~ as claimed in claim 16, ~~characterized in that~~ wherein the application means ~~(AP)~~ are arranged to check before delivering the message to the terminal, whether the message fits into one packet, and if the message does not fit into one packet, to divide the message into segments and to deliver the message to the terminal in consecutive ~~segments~~, segments; and to receive the message from the terminal in consecutive segments and to deliver the segments to a second terminal of the system without composing a message thereof.

19. (Currently Amended) A message service centre ~~(MMSC)~~ connected to a wireless telecommunications system, ~~characterized in that~~ the message service centre ~~comprises~~ comprising interface means ~~(L1, L2)~~ for receiving messages of at least two different content types and for forwarding the messages to a terminal in the telecommunications system employing the same protocol for messages irrespective of a content type of message, the content types indicating the presentation of the message ~~contents~~, contents; and application means ~~(AP)~~ for selecting a delivery route for each message on the basis of a predetermined condition or predetermined conditions.

20. (Currently Amended) A message service centre ~~(MMSC)~~ connected to a wireless telecommunications system, ~~characterized in that~~ the message service centre ~~comprises~~ comprising

interface means (~~L1, L2~~) for receiving messages of at least two different content types and for forwarding to a terminal in a telecommunications system, the content types indicating the presentation of the message ~~contents~~, contents; and

application means (~~AP~~) for selecting the manner of delivery of said messages by checking whether the message meets at least one predetermined condition, and in response to the result of the check to deliver the message directly to the terminal or to inform the terminal about the message and to deliver the message to the terminal as a response to a message request concerning the message.

21. (Currently Amended) A mobile station comprising a user interface (~~UI~~) through which the mobile station user can receive messages of at least a first content type and a second content type, the content type indicating the presentation of the message ~~contents~~, contents; and

~~characterized in that the mobile station comprises~~ a controller (~~CP~~) for receiving messages of at least the first content type and the second content type using the same protocol.

22. (Currently Amended) A mobile station as claimed in claim 21, ~~characterized in that~~ wherein the controller (~~CP~~) is arranged to receive an indication concerning a message waiting for delivery, to transmit the indication to the user through the user interface and to send said message as a response to the delivery request through the user interface to the received user command.

23. (Currently Amended) A mobile station comprising a user interface (~~UI~~) through which the mobile station user can send messages of at least a first content type and a second content type, the content type indicating the presentation of the message ~~contents~~, contents; and

~~characterized in that the mobile station comprises~~ a controller (~~CP~~) for sending messages of at least the first content type and the second content type using the same protocol to a second party through the service centre in the same mobile communications system.